



INFORMATION CITED BY APPLICANT THAT MAY BE MATERIAL
TO THE PROSECUTION OF THE SUBJECT APPLICATION

Applicant: D.A. Burke Attorney Docket No. WEEI121484

Application No.: 10/625,198

Filed: July 22, 2003

Title: NITROGEN RECOVERY SYSTEM AND METHOD

U.S. PATENT DOCUMENTS

*Examiner Initials	Cite No.	Document No.	Kind Code	Date (mm/dd/yyyy)	Name
FP	U1	3,642,618		02/15/1972	Silva
FP	U2	4,267,050		05/12/1981	Conway et al.
FP	U3	4,790,944		12/13/1988	Gordon et al.
FP	U4	4,894,162		01/16/1990	Cournoyer et al.
FP	U5	4,900,452		02/13/1990	Angles et al.
FP	U6	4,959,084		09/25/1990	Wolverton et al.
FP	U7	5,015,384		05/14/1991	Burke
FP	U8	5,053,140		10/01/1991	Hurst
FP	U9	5,310,485		05/10/1994	Roshanravan
FP	U10	5,397,461		03/14/1995	Augustin
FP	U11	5,670,047		09/23/1997	Burke
FP	U12	B1 5,670,047		09/07/1999	Burke
FP	U13	5,702,612		12/30/1997	Wang
FP	U14	5,858,768		01/12/1999	Bonnin et al.
FP	U15	5,891,711		04/06/1999	Carter
FP	U16	5,900,159		05/04/1999	Engel et al.
FP	U17	6,113,786		09/05/2000	Burke
FP	U18	6,113,789		09/05/2000	Burke
FP	U19	6,309,547	B1	10/30/2001	Burke
FP	U20	6,500,340	B1	12/31/2002	Burke
FP	U21	2003/0052061	A1	03/20/2003	Burke

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FOREIGN PATENT DOCUMENTS

NONE.

OTHER INFORMATION (Including Author, Title, Date, Pertinent Pages, Etc.)

- | *Examiner Initial | Cite No. | |
|-------------------|----------|--|
| <u>FP</u> | O1 | "Ammonia Stripping," <i>Wastewater Technology Fact Sheet</i> , U.S. Environmental Protection Agency, Washington, DC, September 2000, 4 pages. |
| <u>FP</u> | O2 | "Beginner's Guide to Nitrification/Denitrification Technologies," < http://www.envstudies.brown.edu/Thesis/2002/caton/WWTFpages/WWTFgeneral.htm > [retrieved 2003], 4 pp. |
| <u>FP</u> | O3 | "Biological Treatment of Gases (Biofilter)," n.d., < http://www.res.titech.ac.jp/~junkan/english/deodorize/ > [retrieved July 16, 2003], pp. 1-3. |
| <u>FP</u> | O4 | Burke, D.A., <i>Dairy Waste Anaerobic Digestion Handbook: Options for Recovering Beneficial Products From Dairy Manure</i> , Environmental Energy Company, Olympia, Wash., June 2001, 54 pages. |
| <u>FP</u> | O5 | Crawford, H.B., and R.J. Kepler (eds.), <i>Chemical Engineers' Handbook</i> , 5th ed., McGraw-Hill, New York, 1973, Chap. 14, "Gas Absorption," pp. 2-16. |
| <u>FP</u> | O6 | Crawford, H.B., and R.J. Kepler (eds.), <i>Chemical Engineers' Handbook</i> , 5th ed., McGraw-Hill, New York, 1973, Chap. 19, "Gravity Sedimentation Operations," pp. 44-106 |
| <u>FP</u> | O7 | Heitner, H.I., "Flocculating Agents," <i>Kirk-Othmer Concise Encyclopedia of Chemical Technology</i> , 4th ed., John Wiley & Sons, New York, 1999, pp. 869-871. |
| <u>FP</u> | O8 | Joshi, J.A., et al., "Gaseous Ammonia Removal in Biofilters: Effect of Biofilter Media on Products of Nitrification," Department of Environmental Sciences, Rutgers, State University of New Jersey, at least as early as June 1998, 11 pages. |
| <u>FP</u> | O9 | Nicolai, R.E., et al., "Biofilter Demonstration Project: Final Report," Biosystems and Agricultural Engineering Department, University of Minnesota, August 13, 1999, 9 pages. |
| <u>FP</u> | O10 | Nicolai, R.E., "Biofilter Design Information: BAEU-18," <i>Biosystems and Agricultural Engineering Department, University of Minnesota Extension Program</i> , June 1998, < http://www.bae.umn.edu/extens/aeu/baeu18.html > [retrieved December 18, 2001], 10 pages. |

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| Initial | No. |
| <u>FP</u> | O11 Nicolai, R.E., et al., "Demonstration Biofilter on Dairy and Swine Facilities," <i>Biosystems and Agricultural Engineering Department, University of Minnesota, 2000 Annual Report</i> , February 27, 2001, < http://www.bae.umn.edu/annrpt/2000/research/livestock13.html > [retrieved December 18, 2001], 10 pages. |
| <u>FP</u> | O12 Sadowsky, M., et al., "Final Project Report - Biofilter Microbes," University of Minnesota, August 8, 1999, 15 pages. |
| <u>FP</u> | O13 Schmidt, D., et al., "Biofilters for Odor Control," University of Minnesota Extension Service, 2000, 2 pp. |
| <u>FP</u> | O14 "Waste Processing and Resource Recovery (WP&RR)," <i>New Jersey - NASA Specialized Center of Research and Training for Bioregenerative Life Support Monthly Report</i> , July 30, 1998, < http://nj-nsclrt.rutgers.edu/visitor/rnews/njnsclrt/Njn-0798.html > [retrieved December 18, 2001], 3 pages. |
| <u>FP</u> | O15 Yarar, B., "Flotation," <i>Kirk-Othmer Concise Encyclopedia of Chemical Technology</i> , 4th ed., John Wiley & Sons, New York, 1999, pp. 871-872. |

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Date Considered

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9/20/04

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1st SUPPLEMENTAL INFORMATION CITED BY APPLICANT THAT MAY BE MATERIAL TO THE PROSECUTION OF THE SUBJECT APPLICATION

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<u>FP</u>	U1	2003/0141244	A1	07/31/2003	Hansen et al.

FOREIGN PATENT DOCUMENTS

None

OTHER INFORMATION
(Including Author, Title, Date, Pertinent Pages, Etc.)

None

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